

Amendments to the Claim:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) Antimicrobial composition comprising lysozyme and synthetically glycosylated immunoglobulins directed towards antigens on the surface of Gram negative bacteria, wherein said synthetically glycosylated immunoglobulins have been produced by ~~being dissolved dissolving parental immunoglobulins~~ in a solution comprising disaccharide or monosaccharide under conditions resulting in synthetic glycosylation of said parental immunoglobulins, and wherein said antimicrobial composition has increased bactericidal activity at least in part as a result of said synthetic glycosylation.

2. (Original) Antimicrobial composition according to claim 1 for local use on mucosal membranes and/or skin.

3. (Original) Antimicrobial composition according to claim 1, wherein said glycosylated immunoglobulins have affinity to Gram negative bacteria.

4. (Original) Antimicrobial composition according to claim 3, wherein the Gram negative bacteria are rods and/or cocci or a combination thereof.

5. (Original) Antimicrobial composition according to claim 1, wherein said glycosylated immunoglobulins have affinity to Gram positive bacteria.

6. (Original) Antimicrobial composition according to claim 1, wherein said glycosylated immunoglobulins have affinity to viruses.

7. (Original) Antimicrobial composition according to claim 3, wherein the glycosylated immunoglobulins have affinity to antigen determinants on the cell wall of Gram negative bacteria.

8. (Original) Antimicrobial composition according to

claim 1, wherein the glycosylated immunoglobulins are of monoclonal or polyclonal origin.

9. (Original) Antimicrobial composition according to claim 1, wherein the glycosylated immunoglobulins are of monoclonal and/or polyclonal origin or a combination thereof.

10. (Original) Antimicrobial composition according to claim 1, wherein the glycosylated immunoglobulins are of the classes IgM, IgG, IgY, IgA or dimer IgA.

11. (Original) Antimicrobial composition according to claim 1, wherein the glycosylated immunoglobulins are of the IgG class and/or the IgY class.

12. (Currently Amended) Antimicrobial composition according to claim 1, wherein the glycosylated immunoglobulins are ~~intact and/or resistant to proteases such as~~ bacterial proteases and/or pancreatic proteases.

13. (Currently Amended) Antimicrobial composition according to claim 1, wherein the glycosylated immunoglobulins are ~~intact and/or resistant to proteolytic enzymes such as~~ papain and/or bromelain and/or pepsin.

14. (Currently Amended) Antimicrobial composition according to claim 1, wherein the glycosylated immunoglobulins are ~~intact and/or resistant to acidic conditions such as in~~ associated with gastric juice.

15. (Currently Amended) Antimicrobial composition according to claim 1, wherein the glycosylated immunoglobulins have ~~lost their ability of~~ reduced complement fixation activity relative to said parental immunoglobulins.

16. (Currently Amended) Antimicrobial composition according to claim 1, wherein the ~~glycosylated parental immunoglobulins were obtained~~ originate from a biological fluid ~~such as milk, whey, blood, plasma, colostrum, yolk or serum.~~

17. (Currently Amended) Antimicrobial composition according to claim 1, wherein the ~~glycosylated parental immunoglobulins were obtained~~ originate from ~~a biological~~

~~fluid such as~~ milk, ~~and/or~~ colostrum, ~~and/or~~ yolk ~~and/or~~ or a combination thereof.

18. (Currently Amended) Antimicrobial composition according to claim 1, wherein the ~~glycosylated~~ parental immunoglobulins originate from immunized animals and/or non-immunized animals.

19. (Original) Antimicrobial composition according to claim 1, wherein the lysozyme is native or conjugated.

20. (Currently Amended) Antimicrobial composition according to claim 19, wherein the lysozyme is conjugated to a ~~monosachharide~~ monosaccharide.

21. (Original) Antimicrobial composition according to claim 20, wherein the lysozyme is conjugated to mannose.

22. (Original) Antimicrobial composition according to claim 1, wherein the lysozyme is extracted from egg white.

23. (Currently Amended) Antimicrobial composition according to claim 1, wherein the antimicrobial composition is in a form selected from the ~~groups~~ group consisting of a cream, an ointment, a gel, a wet tissue, a chewable tablet ~~to chew~~, a lozenge and a chewing gum.

24. (Original) Antimicrobial composition according to claim 1, wherein the antimicrobial composition is in the form of a lozenge or chewing gum.

25. (Previously Presented) Antimicrobial composition according to claim 1, wherein said lysozyme constitutes in the range of 0.05% to 10% by weight of the composition.

26. (Previously Presented) Antimicrobial composition according to claim 1, wherein said glycosylated immunoglobulins constitute in the range of 0.1% to 10% by weight of the composition.

27-30. (Cancelled)

31. (New) Antimicrobial composition according to claim 1, wherein the parental immunoglobulins are selected from the group consisting of native naturally glycosylated immunoglobulins, native deglycosylated immunoglobulins,

USSN 10/541,068

recombinant deglycosylated immunoglobulins and recombinant unglycosylated immunoglobulins.

32. (New) Antimicrobial composition according to claim 1, wherein the synthetically glycosylated immunoglobulins have prolonged half-life compared to said parental immunoglobulins.